

ABSTRACT OF THE DISCLOSURE

A process for enhanced selective deposition of a silicon oxide onto a substrate by pulsing delivery of the reactants through a linear injector is disclosed. The silicon oxide layer is formed by 5 the ozone decomposition of TEOS at relatively low temperatures and relatively high pressures. The ozone delivery is pulsed on and off. Optionally, the delivery of the ozone and the delivery of the TEOS are pulsed on and off alternately.